

# WHAT IS CLAIMED IS:

1. A projector, comprising:
  - an optical system that modulates a light beam irradiated by a light source and
  - 5 projects the light beam in an enlarged manner to form a projection image; and
  - a casing that accommodates the optical system, the projection image being projected in a direction from a back side of the casing toward a front side thereof, the casing including an attitude adjusting mechanism that adjusts an attitude of the casing, the attitude adjusting mechanism comprising:
    - 10 a foot member disposed approximately at the center of the front side of the casing, the foot member being advanceable and retractable relative to the casing;
    - a clamp that engages with any of a plurality of engaging grooves formed on the foot member and arranged in an advancement and retraction direction of the foot member to fix the foot member at a desired advancement and retraction position;
    - 15 a manipulation button disposed at a corner on the front side of the casing that causes the clamp out of engagement with the engaging groove; and
    - a link mechanism that interlocks manipulation of the manipulation button with a movement of the clamp.
- 20 2. The projector according to claim 1,
  - wherein the foot member is formed approximately into a flat plate,
  - wherein the plurality of engaging grooves are formed at a central portion of the flat plate, and
  - wherein a slide surface slidable relative to the casing is formed on both sides of
  - 25 the flat plate sandwiching the central portion.
3. The projector according to claim 1,
  - wherein the clamp is held in a manner turnable relative to the casing,
  - wherein the link mechanism includes a turn lever held in a manner turnable
  - relative to the casing, and
  - 30 wherein engagement of the clamp is released by a combination of turning movement of the clamp and the turn lever.

4. The projector according to claim 3, wherein the manipulation button is held in a manner turnable relative to the casing, the turn of the manipulation button being transmitted to the turn lever.

5 5. The projector according to claim 4,  
wherein the support member for supporting the turn shaft of the manipulation button is integrally formed inside the casing.

6. The projector according to claim 3,  
10 wherein a support member that supports a turn shaft of the clamp is provided to the casing, and  
wherein a groove extending along the advancement and the retraction direction of the foot member is formed between the central portion and the both sides, the support member being disposed in the groove.

15 7. The projector according to claim 3,  
wherein a first end of the turn lever is point-contacted with the clamp, and  
wherein a second end of the turn lever is point-contacted with the manipulation button.

20 8. The projector according to claim 7,  
wherein the link mechanism has a biasing means that biases the turn lever in a direction along a turning direction thereof to keep the second end of the turn lever in contact with the manipulation button.

25 9. The projector according to claim 8, wherein the biasing means is a tension spring.